	Application No.	Applicant(s)	
Al-4ing of Allamahilita	10/784,819	MATSUSHITA ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Manuel L. Barbee	2857	
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not included will be mailed in due course. THI	
1. X This communication is responsive to papers filed 8 Novem	<u>ber 2005</u> .		
2. The allowed claim(s) is/are <u>1-20</u> .			
 Acknowledgment is made of a claim for foreign priority ur a) ☐ All b) ☐ Some* c) ☐ None of the: 	der 35 U.S.C. § 119(a)-(d) or (f).		
 Certified copies of the priority documents have 	been received.		
Certified copies of the priority documents have	been received in Application No	 .	
3. Copies of the certified copies of the priority do	cuments have been received in this	national stage application from the	е
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.			
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.		
(a) ☐ including changes required by the Notice of Draftspers		948) attached	
1) hereto or 2) to Paper No./Mail Date			
(b) including changes required by the attached Examiner's Paper No./Mail Date		office action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet, Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on the drawir he header according to 37 CFR 1.121(igs in the front (not the back) of d).	
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERIAL r	nust be submitted. Note the	
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5 Notice of Informal P	atent Application (PTO-152)	
Notice of Preferences Sites (1.13 332) Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	(PTO-413),	
3. Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Mail Dat 08), 7. ☐ Examiner's Amendr	.e nent/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	,	ent of Reasons for Allowance	
of Biological Material	9. Other		
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DETAILED ACTION

Allowable Subject Matter

1. Claims 1-20 are allowed.

2. The following is an examiner's statement of reasons for allowance: Neither Chiu nor Sheu et al. teach a failure detection system or method that includes manufacturing wafers having a plurality of types of semiconductor devices in manufacturing equipment, acquiring pass/fail maps based on results of a plurality of electrical tests performed on a plurality of chip areas, classifying the electrical tests into a plurality of analogous electrical tests wit regard to analogous failures among the plurality of types of semiconductor devices, assigning a plurality of sub areas, statistically calculating characteristic quantities and obtaining correlation coefficients between the characteristic quantities, as shown in claims 1, 10 and 19.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Manuel L. Barbee whose telephone number is 571-272-2212. The examiner can normally be reached on Monday-Friday from 9-5:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marc S. Hoff can be reached on 571-272-2216. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

mlb

December 7, 2005

MARC S. 1907F
SUPERVISORY PATENT EXMANDER
TECHNOLOGY CONTEN 2000

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